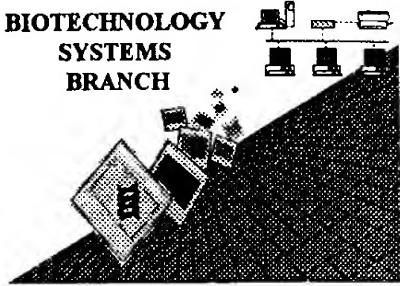


K. Schnizer

# RAW SEQUENCE LISTING

## ERROR REPORT

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



## FILE COPY

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/247,874

Art Unit / Team No.: 1632

Date Processed by STIC: 6/15/99

**THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.**

**PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:**

**1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,**

**2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY**

**THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.**

**IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:**

**ARTI SHAH 703-308-4212**

# Raw Sequence Listing Error Summary

## ERROR DETECTED    SUGGESTED CORRECTION

SERIAL NUMBER: 09/247,874

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1  Wrapped Nucleic The number/text at the end of each line "wrapped" down to the next line.  
This may occur if your file was retrieved in a word processor after creating it.  
Please adjust your right margin to .3, as this will prevent "wrapping".
- 2  Wrapped Aminos The amino acid number/text at the end of each line "wrapped" down to the next line.  
This may occur if your file was retrieved in a word processor after creating it.  
Please adjust your right margin to .3, as this will prevent "wrapping".
- 3  Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces.
- 4  Misaligned Amino Acid Numbering The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
- 5  Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.  
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6  Variable Length Sequence(s)  contain n's or Xaa's which represented more than one residue.  
As per the rules, each n or Xaa can only represent a single residue.  
Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing.
- 7  PatentIn ver. 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence.
- 8  Skipped Sequences (OLD RULES) Sequence(s)  missing. If intentional, please use the following format for each skipped sequence:  
**(2) INFORMATION FOR SEQ ID NO:X:**  
**(I) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")**  
**(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:**  
**This sequence is intentionally skipped**  
  
Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9  Skipped Sequences (NEW RULES) Sequence(s)  missing. If intentional, please use the following format for each skipped sequence.  
**<210> sequence id number**  
**<400> sequence id number**  
**000**
- 10  Use of n's or Xaa's (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 11  Use of <213>Organism (NEW RULES) Sequence(s)  are missing this mandatory field or its response.
- 12  Use of <220>Feature (NEW RULES) Sequence(s)  are missing the <220>Feature and associated headings.  
Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"  
Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
- 13  PatentIn ver. 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other means to copy file to floppy disk.

PAGE: 1

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION US/09/247,874**

DATE: 06/15/1999  
 TIME: 11:56:38

Input Set: I247874.RAW

This Raw Listing contains the General Information Section and up to first 5 pages.

*All Searched 4/1/99*  
*f. Searched 4/1/99*

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 2 di Giovine, Francesco Saverio  
 3 <120> TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC BASED ON A NOVEL IL-1B  
 4 MUTATION  
 5 <130> FILE REFERENCE: MSA-004.01  
 6 <140> CURRENT APPLICATION NUMBER: US/09/247,874  
 7 <141> CURRENT FILING DATE: 1999-02-10  
 8 <160> NUMBER OF SEQ ID NOS: 18  
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*Does Not Comply*  
*Corrected Diskette Needed*

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 188 taaagatgga gttcttgtga ctgactcctg atatcaagat actggagcc aataaaaaaa 360  
 189 tcagaaggct gcttggagag caagtccatg aaatgtctt tttccacag tagaacctat 420  
 190 ttccctcggt tctcaaatac ttgcacagag gctcaactccc ttggataatg cagagcgagc 480  
 191 acgataacctg gcacatacta atttgaataa aatgtgtca aattccctt caccatcca 540  
 192 agcagcaaac tctatctcac ctgaatgtac atgccaggca ctgtgttaga cttggctcaa 600  
 193 aaagatttca gtttcttggaa ggaaccagga gggcaagggtt tcaactcagt gctataagaa 660  
 194 gtgttacagg ctggacacgg tggctcacgc ctgtatccc aacatttggg aggccgaggc 720

W--&gt;

*ju*  
*10*

PAGE: 5

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION US/09/247,874**

DATE: 06/15/1999  
 TIME: 11:56:38

Input Set: I247874.RAW

```

195      gggcagatca caaggtcagg agatcgagac catcctggct aacatggtga aaccctgtct 780
196      ctactaaaaa tacaaaaaat tagccgggcg ttggcggcag gtgcctgtag tcccagctgc 840
197      tggggaggct gaggcaggag aatggtgtga acccggggagg cggaacctgc aggggggccga 900
198      gatcgtgcca ctgcactcca gcctggcga cagagtgaga ctctgtctca aaaaaaaaaaa 960
199      aaaagtgtta tgatgcagac ctgtcaaaga ggcaaaggag ggtgttccta cactccagc 1020
200      actgttcata acctggactc tcattcattc tacaatggg gggctccccct gggcagatcc 1080
201      ctggagcagg cactttctg gtgtctcggt taaagagaaa ctgataactc ttggtattac 1140
202      caagagatag agtctcagat ggatattctt acagaaaacaa tattccact tttcagagtt 1200
203      caccaaaaaa tcatttttagg cagagctcat ctggcattga tctgggtcat ccatgagatt 1260
204      ggcttagggta acagcacctg gtcttgagg gttgtgtgag cttatctcca gggttgcccc 1320
205      aactccgtca ggagcctgaa ccctgcatac cgtatgttct ctgccccagc caagaaaaggt 1380
206      caattttctc ctcagaggct cctgcaattt acagagagct cccgaggcag agaacagcac 1440
207      ccaaggtaga gaccacaccc ctcaatacag acagggaggg ctattggccc ttcattgtac 1500
208      ccatttatcc atctgttaatg gggaaagattc ctaaaacttaa gtacaaagaa gtgaatgaag 1560
209      aaaagtatgt gcatgtataa atctgtgtgt ctccacttt gtcccacata tactaaattt 1620
210      aaacattttt ctaacgtggg aaaatccagt attttaatgt ggacatcaac tgcacaacga 1680
211      ttgtcagggaa aacaatgtcat atttgcattt tgatacattt gcaaaatgtg tcatagttt 1740
212      ctactccttgc cccttccatg aaccagagaa ttatctcagt ttattagtcc cctccctaa 1800
213      gaagcttcca ccaatactct ttccctt cctttaactt gattgtgaaa tcaggttattc 1860
214      aacagagaaa ttcttcagcc tcctacttctt gcttttgaaa gctataaaaaa cagcgaggga 1920
215      gaaactggca gataccaaac ctcttcgagg cacaaggcac aacaggctgc tctgggatcc 1980
216      tcttcagccca atcttcatttgc ctcaagtatg actttaatct tccttacaac taggtgctaa 2040
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218      tcttcctcttgc tcttcctctc tgcttcctctc ttcagcttt tgcaaaaaatg 2160
219      ccaggtgtaa tataatgtttt atgactcggg aaatattctg ggaatggata ctgcttatct 2220
220      aacagctgac accctaaagg tttagtgc当地 agcctctgc ccagctctcc tagccaatac 2280
221      attgcttagtt ggggtttggg tttagcaatg ctttctctc gacccaaagg acttctctt 2340
222      cacacattca ttcatatttact cagagatcat ttctttgc当地 gactgccatg cactggatgc 2400
223      tgagagaaaat cacacatgaa cgtagccgc atggcagaag tacctgagct cgccagtgaa atgatggctt 2460
224      cacaggtgtc tgaaggcagcc atggcagaag tacctgagct cgccagtgaa atgatggctt 2520
225      attacaggtc agtggagacg ctgagaccag taacatgagc aggtctcctc tttcaagagt 2580
226      agagtgttat ctgtgtttgg agaccagatt ttccctttaa attgcctctt tcagtgccaa 2640
227      acaggggtgcc aagtaaatct gatttaaaga ctactttccc attacaagtc cctccagcct 2700
228      tgggaccttgg aggttatcca gatgtgttgc当地 tgcaagggtct tcctgc当地 gcaaatgggg 2760
229      agaaaagatt ccaagccc当地 aataacaagga atccctttgc aaagtgtggc ttggaggag 2820
230      agggagagct cagatttttag ctgactctgc tgggcttagag gttagcctc agatccaa 2880
231      agggagcacc agggtgc当地 cctgccc当地 ctagaatctg cttctggac tttctgc当地 2940
232      atatcactgt gaaacttgc当地 aggtgtttca ggcagcttttgc当地 agggcaggc tttttgc当地 3000
233      ttcttattgaa cagtc当地 agtgc当地 ttgtacacag ggaaggaaaaa ataaacctgt tttagaagaca 3060
234      taatttgagac atgtccctgt ttttattaca gtggcaatga ggtacttgc ttctttgaag 3120
235      ctgatggccc taaaacagatg aaggtaaagac tatgggttta actcccaacc caaggaagg 3180
236      ctcttaacaca gggaaagctc aaagaaggaa gttctggcc actttgatgc catgttattt 3240
237      tgtttttagaa agactttaaatct ctcttc当地 gagacacagg ctgc当地 acttgc当地 3300
238      gccactttgg catcatatca ccacagtc当地 tcactaacatg tggtgtggc当地 ggccacactt 3360
239      ggtggtgaca ggggaggagtt agtgataatg ttccctttaa atagtaggaa gacaaccaag 3420
240      tcttcaacat aaatttgattt atccctttaa gagatggatt cagcctatgc caatcactt 3480
241      agttaaactc tgaacccaag agatgatctt gagaactaac atatgtctac cccttttgc当地 3540
242      tagaatagtt ttttgc当地 tggggtggc当地 ctataacaa caagacatag atgatataaa 3600
243      caaaaagatg aatttgagact tggaaagaaaaa ccattcactt gctgtttgc当地 cttgacaagtt 3660
244      cattttaccc gctttggacc tc当地 ctgaaa aataaaaggcc tgagctggat gatctctgag 3720

```

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

PAGE: 6

VERIFICATION SUMMARY  
PATENT APPLICATION US/09/247,874

DATE: 06/15/1999

TIME: 11:56:38

Input Set: I247874.RAW

Line ? Error/Warning

Original Text

17 W "N" or "Xaa" used: Feature required  
185 W "N" or "Xaa" used: Feature required  
437 W "N" or "Xaa" used: Feature required

atcctgtgga ggcanncaga ggagtcccct aggccacc  
atcctgtgga ggcanncaga ggagtcccct aggccacc  
ccgactcgag nnnnnnatgt gg